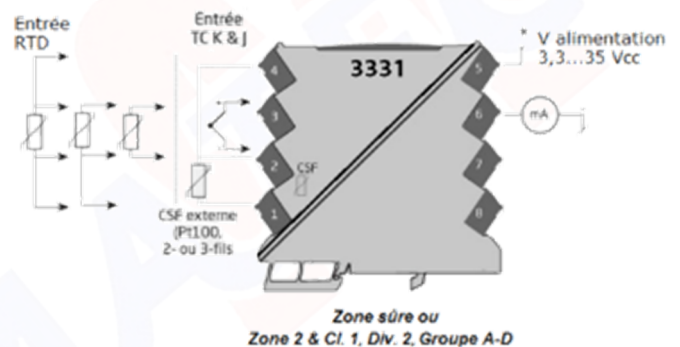
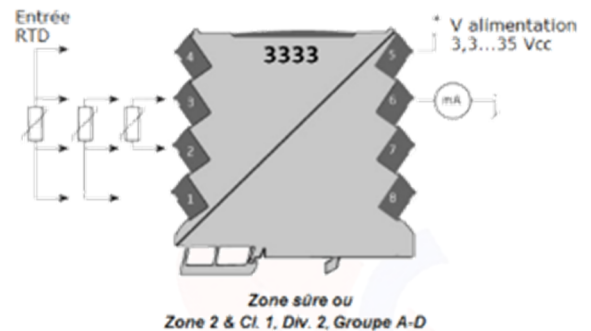
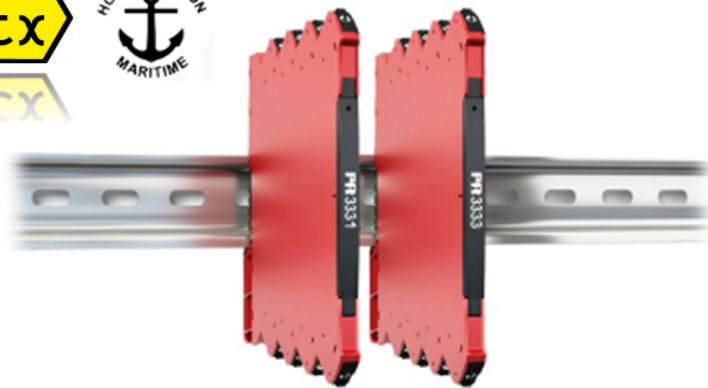


TRANSMETTEUR DE TEMPERATURE, MONTAGE RAIL DIN, ALIMENTATION PAR BOUCLE DE COURANT



- **Transmetteur de signaux** : type 3333 et 3331
- **Application** : conversion de signaux d'entrée (PT100, thermocouple) en signal 4/20mA passif
- **Entrée** :
  - 3333 : PT100 2, 3 ou 4 fils
  - 3331 : PT100 2, 3 ou 4 fils, thermocouple K ou J
- **Sortie** : courant passive analogique 4...20mA 2 fils
- **Isolation galvanique** : 2.5 kVac (3331 uniquement)
- **Configurable** : par sélection de DIP-switches
- **Alimentation** : par boucle de courant, 5.5...35 Vcc
- **Montage** : rail DIN, épaisseur 6 mm
- **Température de fonctionnement** : -25...+70°C
- **Spécification selon fiche technique** : PRC3333, PRC3331

Ces spécifications correspondent au produit standard ;  
pour d'autres besoins, nous consulter

**Pt100**

| Sensor    | S1  | 1 | 2 | 3 |
|-----------|-----|---|---|---|
| Pt100, 2w | ●   |   |   |   |
| Pt100, 3w | ●   |   |   |   |
| Pt100, 4w | ●   | ● |   |   |
| Output    | S14 | 5 | 6 |   |
| 4...20 mA | ●   |   |   |   |
| 20...4 mA | ●   | ● |   |   |

● = ON

| Sensor Error Detection | S17            |
|------------------------|----------------|
| None                   |                |
| Enable                 | ●              |
| Output Error Level     | S18            |
| Downscale              |                |
| Upscale                | ●              |
| Noise Supp. S19        | Resp. T. S1 10 |
| 50 Hz                  | < 30 ms        |
| 60 Hz                  | 300 ms         |

| Réf. | PRC             | Transmetteur |
|------|-----------------|--------------|
|      | PT100           | *3333        |
|      | TC J & K, PT100 | 3331         |

\*Disponible

Configuration des plages de température

| DIP S2     ● = ON |   |   |   |   |           |   |   |   |   | Temperature Range °C |    |           |   |   |   |   |   |    |           |   |   |   |   |   |    |
|-------------------|---|---|---|---|-----------|---|---|---|---|----------------------|----|-----------|---|---|---|---|---|----|-----------|---|---|---|---|---|----|
| Start Temp.       | 1 | 2 | 3 | 4 | End Temp. | 5 | 6 | 7 | 8 | 9                    | 10 | End Temp. | 5 | 6 | 7 | 8 | 9 | 10 | End Temp. | 5 | 6 | 7 | 8 | 9 | 10 |
| -200              |   |   |   |   | 0         |   |   |   |   |                      |    | 105       | ● | ● | ● | ● |   |    | 375       | ● | ● | ● | ● |   |    |
| -180              |   |   |   | ● | 5         |   |   |   |   |                      | ●  | 110       |   | ● | ● | ● | ● |    | 400       | ● | ● | ● | ● |   |    |
| -150              |   |   | ● |   | 10        |   |   |   |   |                      |    | 115       |   | ● | ● | ● | ● |    | 450       | ● | ● | ● | ● |   |    |
| -100              |   |   | ● | ● | 15        |   |   |   |   |                      | ●  | 120       |   | ● | ● |   |   |    | 500       | ● | ● |   |   | ● |    |
| -50               |   | ● |   |   | 20        |   |   |   |   |                      |    | 125       |   | ● | ● |   |   | ●  | 550       | ● |   | ● | ● | ● |    |
| -25               |   | ● | ● |   | 25        |   |   |   |   |                      | ●  | 130       |   | ● | ● |   | ● |    | 600       | ● |   | ● | ● | ● | ●  |
| -10               |   | ● | ● | ● | 30        |   |   |   |   |                      | ●  | 135       |   | ● | ● |   | ● |    | 650       | ● |   |   | ● | ● | ●  |
| -5                |   | ● | ● | ● | 35        |   |   |   |   |                      | ●  | 140       |   | ● | ● |   | ● |    | 700       | ● | ● |   |   |   | ●  |
| 0                 | ● |   |   |   | 40        |   |   |   |   |                      | ●  | 145       |   | ● | ● |   | ● |    | 750       |   |   |   |   | ● |    |
| 5                 | ● | ● |   |   | 45        |   |   |   |   |                      | ●  | 150       |   | ● | ● |   | ● |    | 800       | ● | ● |   |   |   | ●  |
| 10                | ● | ● | ● |   | 50        |   |   |   |   |                      | ●  | 160       |   | ● | ● |   | ● |    | 850       | ● | ● |   |   | ● |    |
| 20                | ● | ● | ● | ● | 55        |   |   |   |   |                      | ●  | 170       |   | ● |   |   |   |    | 900       | ● | ● |   |   | ● |    |
| 25                | ● | ● |   |   | 60        |   |   |   |   |                      | ●  | 180       |   |   |   |   |   | ●  | 950       | ● | ● |   |   | ● |    |
| 50                | ● | ● | ● |   | 65        |   |   |   |   |                      | ●  | 190       |   | ● |   |   |   |    | 1000      | ● | ● |   |   | ● | ●  |
| 100               | ● | ● | ● | ● | 70        |   |   |   |   |                      | ●  | 200       |   | ● |   |   |   | ●  | 1050      | ● | ● |   |   |   |    |
| 200               | ● | ● | ● | ● | 75        |   |   |   |   |                      | ●  | 225       |   | ● |   |   |   |    | 1100      |   |   |   |   |   | ●  |
|                   |   |   |   |   | 80        |   |   |   |   |                      |    | 250       |   | ● |   |   |   | ●  | 1150      | ● | ● |   |   | ● |    |
|                   |   |   |   |   | 85        |   |   |   |   |                      | ●  | 275       |   | ● |   |   | ● |    | 1200      | ● | ● |   |   | ● |    |
|                   |   |   |   |   | 90        |   |   |   |   |                      | ●  | 300       |   | ● |   |   | ● |    | 1250      | ● | ● |   |   | ● |    |
|                   |   |   |   |   | 95        |   |   |   |   |                      | ●  | 325       |   | ● |   |   |   |    | 1300      | ● | ● |   |   | ● |    |
|                   |   |   |   |   | 100       |   |   |   |   |                      | ●  | 350       |   | ● |   |   |   |    | 1350      | ● | ● |   |   | ● |    |
|                   |   |   |   |   |           |   |   |   |   |                      |    |           |   |   |   |   |   |    | 1372      | ● | ● |   |   | ● | ●  |

|              |                  |
|--------------|------------------|
| Sens. type : | Temp. range °C : |
| PT100        | -200 - +850°C    |
| TC J         | -100 - +1200°C   |
| TC K         | -180 - +1372°C   |



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